IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Daniel P. Getman et al. Atty. Docket No.: 101765.00010

(2869/6)

Serial No.: TBA Group Art Unit: TBA

Filed: October 3, 2003 Examiner: TBA

For: Sulfonylalkanoylamino Hydroxyethylamino

Sulfonamide Retroviral Protease Inhibitors

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed is PTO Form-1449 listing documents for consideration by the Examiner during the prosecution of the subject application. Applicants believe that all the cited art was previously cited in prior Application Serial Nos. 10/082,123 filed February 26, 2002 (now allowed), 09/672,449 filed September 29, 2000 (now U.S.P. 6,380,188); 09/411,374 filed October 4, 1999 (now U.S.P. 6,169,005); 08/913,069 filed December 19, 1997 (now U.S.P. 5,985,870); and 08/478,625 filed June 7, 1995 (now U.S.P. 5,705,500), the benefit of all being sought under 35 U.S.C. § 120. Therefore, we are not submitting additional copies of the art. If the Examiner needs a copy of any specific document, please let Applicants' undersigned representative know.

This document is being submitted prior to the issuance of an initial office Action. Therefore, Applicants believe no fee is due. If a fee is due, please charge Deposit Account No. 19-0733 as appropriate.

Consideration of this information is respectfully requested.

By:

Respectfully submitted,

Date: October 3, 2003

Joseph M. Skerpon Registration No. 29,864

BANNER & WITCOFF, LTD. 1001 G Street, N.W. Washington, D.C. 20001-4597 (202) 824-3100

JMS/bao

Serial No.: USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE Attorney Docket No: 101765.00010(2869/6/)

	INFORMATION DISCLOSURE			101/03.00010(2009/0/) IBA							
CITATION Sheet 1 of 4				Applicant(s): GETMAN ET AL.							
				Filing Date: 10/03/2	Group:	Group: TBA					
			U.S. PATEN	r documents							
Examiner Initial		Patent No.	Date	Name	Class	Subclass		ng Date Propriate)			
	AA	H725	1/1990	Gordon	. 548	533					
	AB	4,450,164	5/1984	Gordon et al.	424	256	<u> </u>	~ .			
	AC	4,477,441	10/1984	Boger et al.	424	177					
	AD	4,514,391	4/1985	Gordon et al.	514	2					
	AE	4,548,926	10/1985	Matsueda et al.	514	19					
	AF	4,595,407	6/1986	Carter	71	90					
	AG	4,599,198	7/1986	Hoover	260	998.2					
	AH	4,616,088	10/1986	Ryono et al.	546	336		. •			
	· •		FOREIGN PATE	ENT DOCUMENTS				• • •			
Examiner Initial					Class	Subclass		slation			
	AI	0 104 041		EPO			YES	NO			
	AJ	0 114 993	8/1984	EPO							
	AK	0 172 347	2/1986	EPO							
	AL	0 223 437	5/1987	EPO							
	AM	0 264 795	4/1988	ЕРО							
	AN	0 342 541	5/1989	ЕРО				<u>.</u>			
		OTHER DOCUM	ENTS (including Au	ithor, Title, Date, Pertir	nent Pages,	etc.)					
	AO	International Search	Report of PCT/US9	06/02682 dated August 2	21, 1996.						
	AP	Roberts et al., Scient	ce, 248, 358 (1990)	•	- " •						
	AQ	Erickson et al., Science, 249, 527 (1990).									
	AR	Pearl et al., <i>Nature</i> 328 (1987).									
	AS	Martin, Drugs of the Future, (1991), 16(3), 210-212.									
	АТ										
EXAMINI	ER				DATE CO	NSIDERED					
					J						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

[&]quot;Copies of references not provided at the time of this submission

USPTO Form 1449 U.S. Department of Commerce Attorney Docket No:Serial No.: Patent and Trademark Office 101765.00010 (2869/6/) TBA INFORMATION DISCLOSURE **CITATION** GETMAN ET AL. Applicant(s): Sheet 2 of Group: TBA 10/03/03 Filing Date: **U.S. PATENT DOCUMENTS** Examiner Patent No. Date Class Name Subclass Filing Date Initial (if appropriat 4,634,465 AU 1/1987 Ehrenfreund et al. 71 91 AV. 4,668,769 5/1987 Hoover 530 331 AW 4,668,770 5/1987 Boger et al. 530 331 AX 4,757,050 7/1988 Natarajan et al. 514 18 ΑY 4,880,938 11/1989 Freidinger 548 492 ΑZ 4,977,277 12/1990 Rosenberg et al. 549 215 BA 4,893,530 1/1991 Hemmi et al. 514 19 . FOREIGN PATENT DOCUMENTS Examiner Class Subclass **Translation** Initial YES NO BB0 337 714 10/1989 **EPO** BC 0 346 847 12/1989 **EPO** BD 0 356 223 2/1990 **EPO** BE 0 389 898 10/1990 **EPO** BF 0 393 445 10/1990 **EPO** BG 0 393 457 10/1990 **EPO** OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) BH McQuade et al., Science, 274, 454 (1990). BI Rich et al., Pept. Struct. Funct. Am. Pept. Sym. 8th ed. pp. 511-520 (1983). BJ Rosenberg et al., J. Med. Chem., 30, 1224-1228 (1987).

BM E. E. Gilbert, "Recent Developments in Preparative Sulfonation and Sulfation," Synthesis, 3 (1969) BN Mitsuya et al., Proc. Natl. Acad. Sci. USA, 83, 1911-15 (1986). **EXAMINER**

DATE CONSIDERED

Fittkau, J. Prakt. Chem. 315, 1037 (1973).

Hirsh et al., N. Eng. J. Med., 328, 1686 (1993).

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant,

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^{**}Copies of references not provided at the time of this submission.

USPTO Form	FORMATION DISCI	Attorney Docket No: Serial No.: 101765.00010(2869/6/) TBA					:		
CITATION				Applicant(s): GETMAN ET AL.					
	Sheet 3 of 4				10/03/03	1			TBA
			FOREIGN PATE	NT DOCUM	ENTS	,		J	• .
Examiner Initial						Class	Subclass		nslation
	ВО	0 402 646	12/1990	ЕРО		 		YES	NO
-	BP	0 468 641	1/1992	EPO					-
	BQ	2184730	7/1987	UK					"
	BR	2200115	7/1988	UĶ					
	BS	2209752	5/1989	UK					
	BT	84/03044	8/1984	WIPO					
	BU	92/08699	5/1992	WIPO					
	BV	93/13066	7/1993	WIPO				·	
	BW	94/04493	3/1994	WIPO					
	BX	94/08458	5/1994	WIPO					
	BY	94/10136	5/1994	WIPO					
	BZ	WO 95 06030	3/1995	WIPO					
	CA	WO 95 33464	12/1995	WIPO					
		OTHER DOCUM	IENTS (including Aut	hor, Title, D	ate, Pertin	ent Pages,	etc.)		
	СВ	Silcox et al., J. Heterocycl Chem., 4, 166-67 (1967). Cabiddu et al., Synthesis, 797-798 (1976). Ncube et al., Tet. Lett, 26, 2345-2348 (1978).							
	CC								
	CD								
	CE	Ncube et al., Tet. Lett, 3, 255-256 (1977).							
	CF	Cole et al., Aust. J.	Chem., 33, 675-80 (1	980).					
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**Copies of references not provided at the time of this submission.

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Substitut	te for form 1449A/PTO	+		Complete if Known			
INFO	DRMATION	DIS	CLOSURE	Application Number	TBA		
STA	TEMENT BY	ΥΔ	PPI ICANT	Filing Date	October 3, 2003		
•				First Named Inventor	Getman, et al.		
				Group Art Unit	TBA		
(use as many sheets as necessary)			necessary)	Examiner Name	TBA		
Sheet	1	of	4	Attorney Docket Number	101765 00010		

U.S. PATENT DOCUMENTS								
Examiner Cite No.1		Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		US - 5,705,500	01-1998	Getman et al.				
		US - 5,985,870	11-1999	Getman et al.				
		US - 6,169,085	01-2001	Getman et al.				
		US - 6,380,188	04-2002	Getman et al.				

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYYY Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳°			

Examiner Signature	Date Considered	

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¹ Applicant's unique citation designation number (optional) . ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.